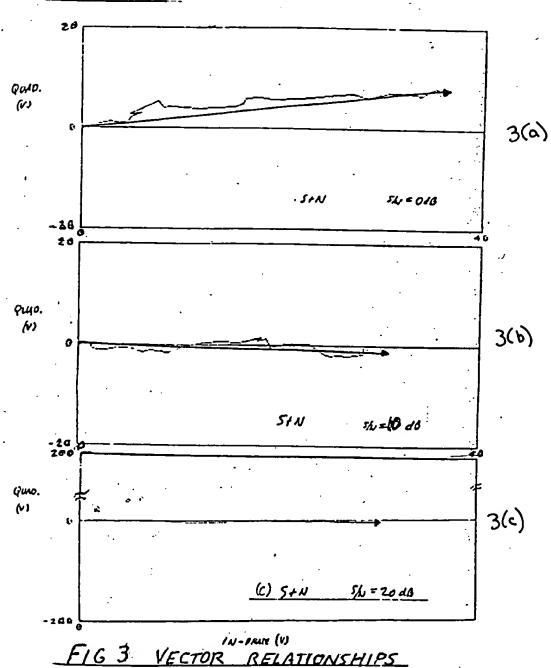
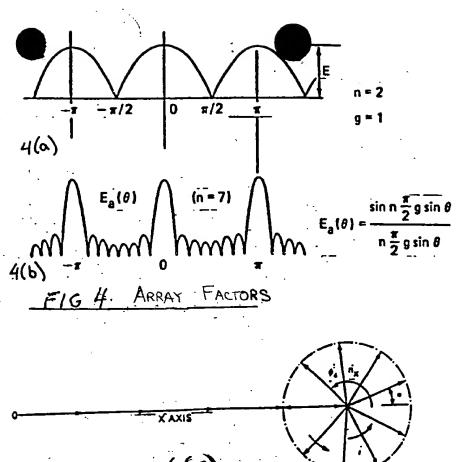


FIG 2 (b) Target Angle Off Peak (Zw) Degrees





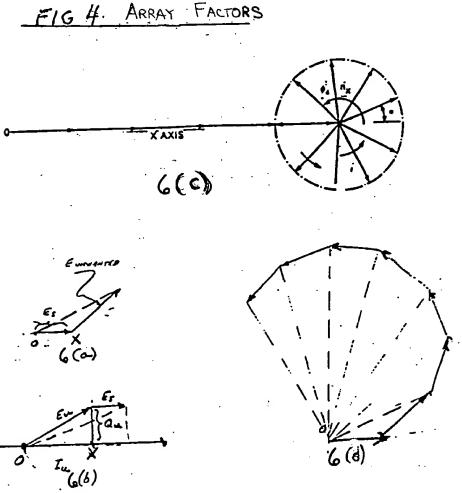


FIG & MANIFESTATIONS OF NOISE

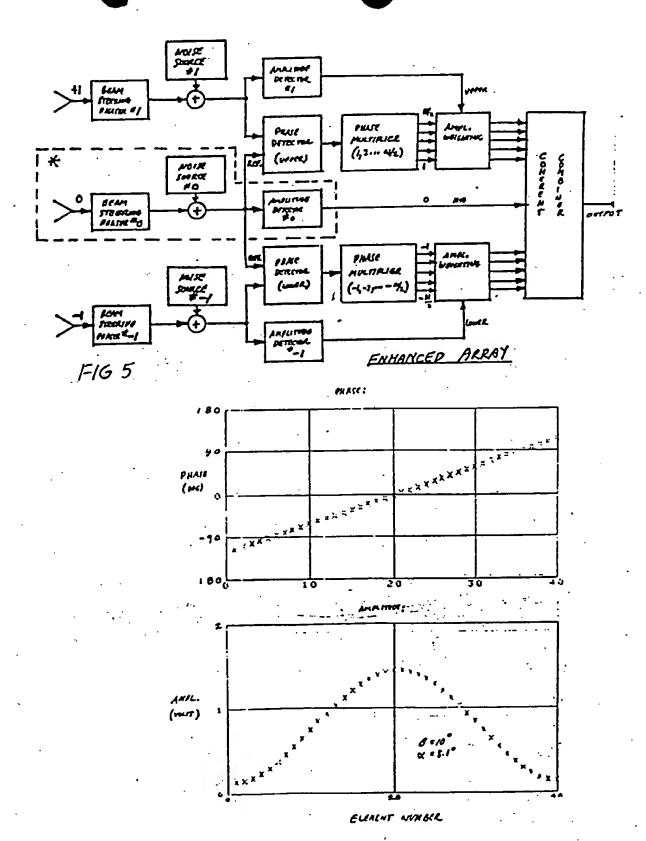
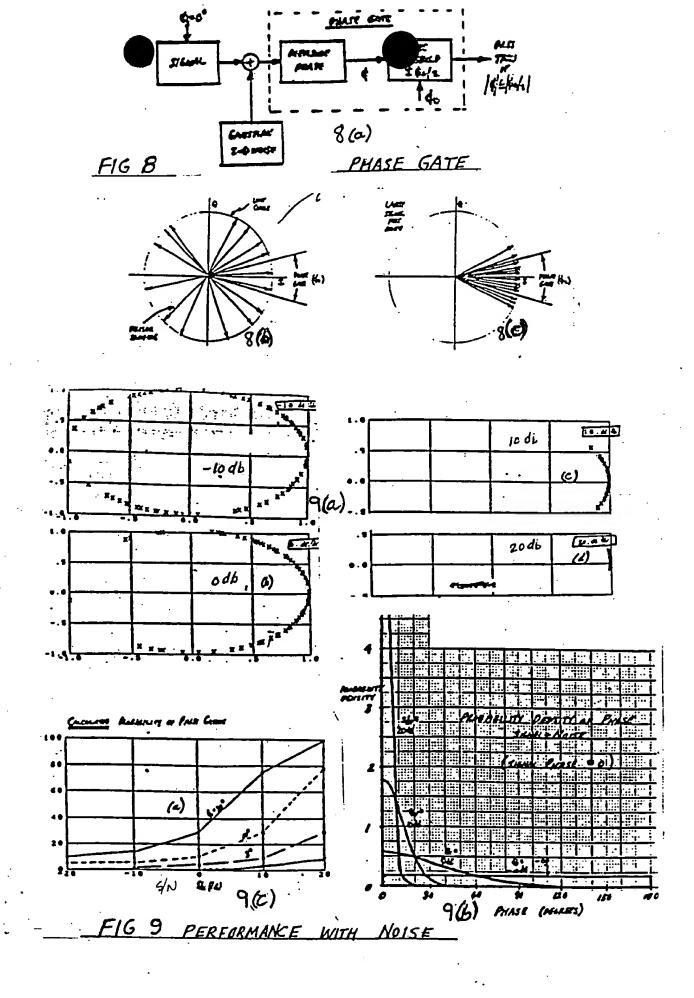
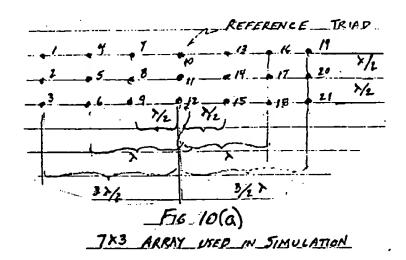


FIG T RESPONSE WITHOUT NOISE





1.7061 2.3004 2.3358	EFT CONT IGHT
0.5273 1.9065 2.2319 0.4199 -0.5505 2.2936 2.1521 0.3127 1.2718 R/	
•	
1 0.7349 4 1.4339 7 0.5836 10 1.7061 13 -0.5273 16 -0.4199	19 -2.1
2 1.3760 5 1.0919 8 0.3856 11 2.3004 14 -1.9065 17 0.5505 3 1.1123 6 0.7478 9 1.7902 12 2.3358 15 -2.2319 18 -2.2936	20 -0.3
3 1.1123 6 0.7478 9 1.7902 12 2.3358 15 -2.2319 18 -2.2936	21 -1.2

FIG. 10(b)

(Expected B1)

Process 81

Group 2 \*======= Q data ========= 0 d8 ============ Trial 17 ### Actual noise avg = -0.2302 ### Avg Q for sextet (w/ signs reversed) = 0.4769 Sextet QA's QA. Q 0.0209 -0.4560 FiG 11(a) -0.1167 \* S 0.3602 0.2342 0.7111 6 16 0.0031 -0.4738 -0.7347 -0.2578 17 18 2.0240 1.5471 Col 3 Delta(D) Delta A(E) Col 1 Col 2 Q'A (C) Left Right Pair Avg(A) -0.5867 -0.1217-0.46490.0031 0.0120 ь 0.0089 16 -0.8476 -0.2522 -0.2578. -0.5954 17 0.1394 -0.1185**5888.0** 1.4342 2.0240 0.5455 -1.0016 1.0225 4 18 -0.5867 -0.29140.0031 -0.2953 0.1817 0.1786 16 -0.4218 -0.8476 -0.4257 -0.2578 0.3090 0.0512 17 0.7191 1.4342 1.1921 2.0240 0.7152 -0.8319 18 0.0031 -0.5867 -0.4668 0.3571 -0.1198 0.3540 16 -0.5973 -0.8476 -0.2578 -0.25030.4844 0.2267 17 0.5436 2.0240 1.4342 0.8906 -0.6565 1.3676 18 -1.27142.1514 -0.8800 5.3079 0.0000 4.2923 -0.0000 -1.0157 Sum = -0.4238 0.7171 -0.2933 0.5898 0.0000 -0.1129 0.4769 -0.0000 Avg = Comparison value ≠ -0.2933 2.393 : 1 Dispersion = (Inherently indicated by bb or BB in non key entries) Dispersion sum = -0.4131All same polarity, a averageable; low dispersion ratio Dispersion dif = -0.1697 0.1369 --> divided by 3 = average below threshold Oispersion ratio = Case 1 average above threshold 0.0456 Case 2 Average between .73 to .83 (Expected A1) Comparison value is average POLARITY of noise is: -Process A1 . Group 3 ========= Q data ========== ### Actual noise avg = -0.2625 ### 0.1035 Avg Q for sextet (w/ signs reversed) = Sextet QA's: Q QA 1.2375 7 1.3410 FIG 11 (b) 0.9560 8 1.0595 -0.7912 9 -0.6877 -1.7936 -1.897113 -0.5530 -0.6565 \* 14 1.1515 15 1.2550 Col 3 Delta(D) Delta A(E) Col 1 Col 2 Q'A (C) В Left Right Pair Avg(A) -1.0999 -1.4297 -1.7936 -0.3298 -0.2263 1.5673 13 <u>-0.1891</u> -0.4796 0.2905 -0.5530 0.3940 ь 7 14 0.9470 0.4244 1.6189 1.2550 1.1945 1.2980 7 15 0.0430 -0.9592 -1.4297 -0.4706 -1.7936 -0.36718 13 1.4266 -0.3389 -0.1891 -0.5530 0.1497 0.8063 0.2533 14 8 0.5651 1.6189 1.2550 1.0537 -0.0977 1.1573 15 -0.0856 -1.4297 -1.7936 0.5530 -1.2407-1.3442 13 0.5348 -0.7239 -0.5530 -0.1891 -0.0673 -0.6204 14 1.4388 1.6189 1.2550 -0.9713 0.2837 0.1801 15 -2.1446 2,4283 0.0000 -0.2837 0.0000 -3.2748 4.2066 0.9318 Sum ≖ -0.7149 0.8094 0.0000 0.0000 -0.3639 0.4674 0.1035 Avg = -0.2837 Comparison value = Dispersion = -1.115 : 1 (Inherently Bb combination) Oispersion sum = 0.0552 One odd polarity, a use sum dispersion ratio low Dispersion dif = 1.0144 Σ less than threshold : Case 1 0.0544 Dispersion ratio = presence of sizable B Case 2 sizable = > 67% of # in IA' column, where # is

POLARITY of noise is - maximum value of polarity opposite to \* polarity

19.30

lingars end

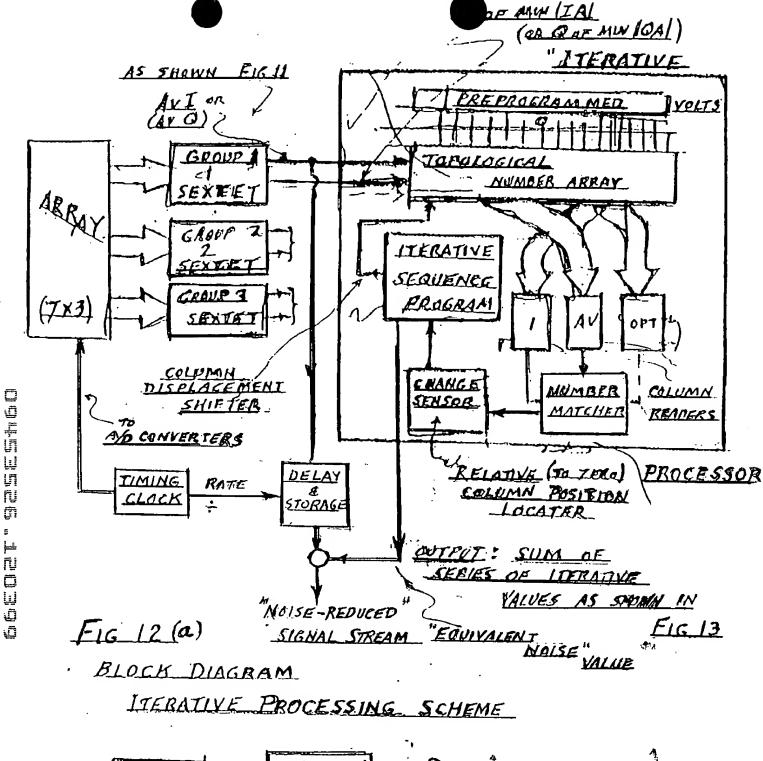
\*\*\*\*\*\*\*\*\*\* O dB \*\*\*\*\*\*\*\*\* Trial 1 Group 3 \*\*\*\*\*\*\*\* Q data \*\*\*\*\*\*\*\*\*\* Avg Q for sextet (w/ signs reversed) = 1.1320 ### Actual noise avg = 0.7660 ### Sextet WA's 0 ŨА 7 1.6680 0.5360 FIG 11 (c) 8 0.2348 -0.8972 0.6360 -0.4960 13 2.2163 1.0843 0.8563 -0.275714 1.1906 0.0486 \* 15 Left Right Pair Avg(A) 8 Q'A (C) Delta(D) Delta A(E) Col 1 Col 2 Col 3 1.9422 b -0.2742 0.7986 -0.0116 13 1018.0 2.2163 14 0.4059 1.2622 0.1301 0.8563 -0.5614 -0.6916 -0.2321 7 15 0.2437 1.4243 0.2923 1.1806 -0.5294 -0.9908 1.2256 \* 0.0935 0.7986 0.7050 8 13 2.2163 -0.3108 0.5456 # -0.5865 -0.5614 14 0.8563 0.0250 -0.4729 0.7077 -0.2371 15 -0.42430.1872 1.1806 13 -0.790i 1.4262 b 0.2941 2.2163 0.7986 0.5044 0.7462 -0.385% -0.175614 -0.1102 0.8563 -0.5614-0.0134 15 -0.2723 0.9083 -0.2237 1.1806 -0.2371 -2.5716 10.1880 -0.0000 12.7596 0.0000 1.1979 Sum = -0.8421 -0.3557. -0.2857 1.1320 -0.0000 1.4177 0.0000 Avg = Dispersion = -43.547 : 1Comparison value = 0.7050 Oispersion sum = 0.4928 (Inherently bb or BB) Dispersion dif = 0.5160 0.9551 Use key or \* entry; high dispersion ratio Oispersion ratio = Case 1 less than .73 Case 2 greater than .83 (Expected C1) Comparison value is \* index entry Process C1 POLARITY of noise is: + 1

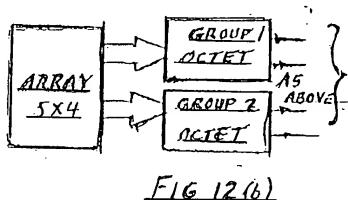
```
------- 0 d8 ------ Trial 4 Group 1 ----- 0 data ------
                                                      ### Actual noise avg = 0.1628 ###
Avg Q for sextet (w/ signs reversed) = 1.1629
                                                                             1 . .
           Sextet QA's
           q
                    QA
                                                  F16 11 (d)
         2.6625
                   1.4997
         1.9091
                   0.7462
    . 2
                  .-0.1463¥
    3
         1.0166
    19
         1.9264
                   0.7635
                   -0.9945
    20
         0.1684
    21 * -0.7059
                   -1.8688
                                                                                          Col 3
                                                                                Col 2
                                                                   Col 1
                                             Delta(D) Delta A(E)
                                   0'A (C)
Left Right Pair Avg(A)
                          В
                                                       1.4634
                                                                                          0.3318
                                              1.9264
                        2.2945
                                 $ 1.1316
            0.3681
     19
  1
                                              0.1684
                                                       -0.2946
                                                                X - 0.5472
                                   0.2526
                        1.4155 B
  ı
      20
             1.2471
                                                                               -0.9843
                                                       -1.1689
             1.6842
                                   -0.1846
                                             -0.7059
      21
                        0.9783
  1
                                                                                          0.7085
                                    0.7549
                                                        1.4634
                                              1.9264
  2
      19
             -0.0086
                        1.9178
                                                                   -0.1705
                                                       -0.2946
                        1.0388 ▼
                                   -0.1241
                                              0.1684
              0.8704
      20
  2
                                                                               -0.6076
                                              -0.7059
                                                       -1.1689
                                   -0.5613
              1.3075
                        0.6016
      21
                                                                                          1.1548
             -0.4549
                        1.4715
                                    0.3086
                                              1.9264
                                                        1.4634
  3
      19
                                                        -0.2946
                                                                    0.2758
                                              0.1684
                        0.5925 ·b
                                   -0.5704
      20
              0.4241
 · 3
                                                                               -0.1614
                        0.1554
                                    -1.0075
                                              -0.7059
                                                       -1.1689
      21
              0.8613
                                                                                          2.1952
                                                                               -1.7533
                                                        0.0000
                                                                   -0.4418
                                    -0.0000
                                               4.1667
              6.2990
                       10.4657
     Sum =
                                                                                          0.7317
                                                        0.0000
                                                                               -0.5844
                                              0.4630
                        1.1629
                                    -0.0000
              0.6999
     Avg =
                                                                    0.1053
                                              Comparison value =
 Dispersion = -1.984 : 1
                                                             (Inherently bB) high dispersion ratio
                      -0.2714
   Oispersion sum =
                                                               Eliminate B when \Sigma < abs 11.31:
   Dispersion dif =
                      -0.8230
                                                               Eliminate (b) when \Sigma > 11.31
                       0.3298
 Oispersion ratio =
```

(Expected D1) Process D1

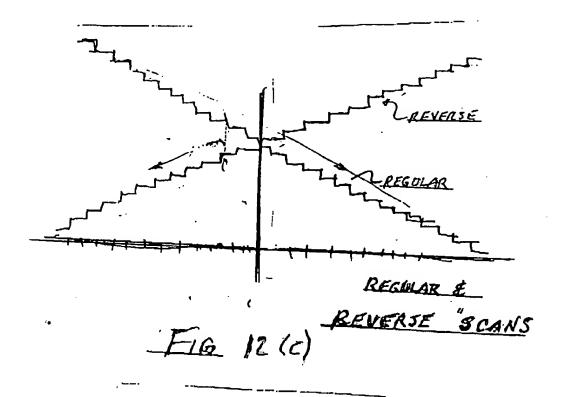
POLARITY of noise is: +

Case 1 less than .73 Case 2 greater than .83





,



January V-SCAN

FIG 12 (d)

COMPOSITE "V SCAN & "A" SCAN

1 0	lata			iil I	9	20 <u>11</u>	.15ē	37813	<u>वृहक्</u>	416	=======================================	ys scan	ned in	oppos i	te sense	111	
Hin IA	9 4	65 %	÷ :	75 5	7	45 v	6 V	55 1	5 y	45 v	4 %	+.35 V	3 y	+.25 V	2 y	+.15 y	1 v
Avg 208 0.041	1.206			1.054 -0.402		0.354 -0.303	-0.252	0.856 -0.202	-0.152 0.805	0.756 -0.102	0.796 -0.052		0.606		1		0.406
Ave 21A -0.052	·0.691 -1.151							0.341 -0.911	0.271 -0.761	0.241 -0.711	-0.441 0.131	0.141 -0.611	0.091	0.04 <u>1</u> -0.511	(0.009 -0.451	-0.059 -0.411	-0.361 -0.109
Avg 22A 0.060	0.735 -1.005								0.325	0.285 -0.555	0.235 -0.505	0.185 -0.455	0.135 -0.405	0.095 -0.355	0.035	0.015 -0.255	0.065
Avg 23A 0.022	0.654 -1.124			0.504						0.204 -0.574	0.154 -0.624			0.474	0.046 -0.424	-0.096 -0.374	-0.146 -0.324
Avo - 21A -0.002	1.155 -0.637						0.844 -0.237		0.766 -0.237	0.716	0.646 -0.137	0.616 -0.087	0.566 -0.037		0.456		
Ava 258  -0.032	1.100 -0.732							0.750 -0.392	0.700 -0.332	0.650	0.600 -0.232	0.550	0.500 -0.132	0.450 -0.082		0.350	
4v9 248 -0.169	0.487 -1.481							0.137 -1.131	0.097 -1.081	0.037	-0.991	-0.931	-0.113 -0.881	-0.153 -0.831	-0.213 -0.781	-0.253 -0.731	-0.313 -0.681
Avg 27A (6.120	0.924 10.754					0.674 -0.504	0,624 -0,456	0.574 -0.406	0.524 -0.354	0.474 -0.306	0.424 -0.256	0.374	0.324 -0.156	0.274 -0.106	0.224 -0.056	0.174	0.124 0.044 -
Ava 280 (0.178)	0.782 -0.840	0.732 -0.790	0.492 -0.740				0.482 -0.540	0.432 -0.490	0.392 -0.440	-0.330 0.332	0.282 -0.340	0.232 -0.290		0.132 -0.19 <b>0</b>			-0.010 ·
Avg 290 (0.129)	1.246 -0.683		1.146 -0.593	1.094 -0.533	1.044 -0.493	0.994 -0.433	0,346 -0,383	0.835 -0.333	0.846 -0.283	0.796 -0.233	0.746 -0.193	0.696 -0.133	0,645 -0.093		0.516	0.495 0.067	0.446 0.117
908 0.032	0.846 -0.921	4,799 -0.871		0.698 -0.771		0.509 -0.671			0.448 -0.521		0.349 -0.421		0.249 -0.321			0.098 -0.171	
449 310 (0,174	0.786 1 <sub>1.187</sub>	0.736 -1.437	0.686 -1.097		0.586 -0.987			0.436 -0.937						0.136 -0.537		0.0350 -0.437	-0.387
Avg 320 -0.015	1.060 -0.755		0.950 -0.950			0.810 -0.505	0.760 -0.455	0.710 -0.405		0.610 -0.305			0.440 -0.155	0.410 -0.105	0.360 -0.055	6.962 5.950 5.950	0.260 0.045
Ava 73C -0.090	0.993 -0.897	0.943 -0.837	0.893 -0.787			0.743 -0.537	0.633 -0.537						0.3?3 -0.387				
8v9 -31A €0_203										0.090 1.029							
819 350 -0.083				A .095 - 0.699						0,565 -0,339		0.485 -0.299				0.285	0.235 -0.048
869 368 (6,212)	1.17! 10.641	1.121 -0.791	1.071 -9.741	-0.431 1.001	0.971 -0.441	0,921 -0,591	0.871 -0.541	0.921 -0.491		4.721 -0.391	0.57! -0.341	0.421 -0.221		0.521 -0.191	0.471 -0.141	0.42 <u>1</u> -0.091	
Avg 170 0.015	1.024 -0.761	0.974 -0.711	0.924 -0.661	0.974 -0.611	0.824 -0.561	0.774 -0.511	0.724 -0.461	0.674 -0.411			0.524 -0.261		0.424 0.161	0.374 -0.111	0.324 -0.061	9.271 QQL	0.224
Avg 398 0.003	0.616 -1.181			0.456 -1.031		0.345 -0.931	0.215 -0.891	0.266 -0.831	0.214 -0.781	0.166 -0.731	0.116 -0.691	0.045 -0.631	0.591	2.034 -0.531	-0.081; -0.481;	-0.134 -0.431	-0.164 -0.381
								FIG.	1360	) '					•		

		4	a :		Grop	p 1	4 9	ii No	jse a	ve		187		1		
105 v	0.	.05 v	d v	.15 v	.2 :	.25 v	.3 :	.35 .	.A0:	.#: e	.5 :	.55 +	.6 ¢	.65 v	. <b>7</b> v	.15 v
0.356	0,334 0,348	0.256 0.398	0.206 0.448	0.155 0.498	0.106 0.548	0.056 0.598	0.118	) 2.041 0.678	-9. <del>094</del> 0.748	-0.144 0.798	-0.171 0.718	-0.214 0.338	-0.294 0.948	-0.344 0.999	-0.394 1.048	-0.444 1.096
-0.159 -0.311	-0.263 -0. <b>261</b>	-0.259 -0.211	-0.309 -0.161	0.359 0.111	-0.409 -0.061	·0.159	0.039 -0.599	-6.559 ^.489	-0.609 -0.199	-0.459 -0.169	-0.70° -0.23°	-0.759 0.269	0.839 -0.839	-0,859 0,369	-0,990 0,139	-9.959 0.469
-0.115 -0.155	-0.165 -0.105	-0.215 -0.055	4.245 0.665	0.315 0.045	9.765 0.005	0.415 0.145	-0.465 0.195	-0.515 0.245	-n,548 9,295	-0.615 0.215	-9.445 0.335	-0.715 -0.445	-0.765 0.495	-0.915 0.545	0.865 0.595	-9.315 -0.145
			-0.346 -0.124													
0.316 0.213	0.266 5.263		0.166 0.363					-0.084 0.613								
0.250			0.100 0.266											1		1
-0.363 -0.631			-0,513 -0,481											-1 .063 0.069		-1.163 0.169
0.074	0.144	0.194	-0.076 0.244	0.126 0.294	0.176 0.244	-0.226 0.391	-0,276 10,444	-9.326 0.431	-0,274 0,514	-0,435 0,594	-0.475 0.644	-0.526 0.634	-0.576 0.744	-0.626 0.794	-0.676 67.844	-0.726 0.894
-0.068 (0.010)			-0.218 0.160								1				1	
0.396 0.167			9 246 0.317					- <b>(</b> .56)								-0.104 0.967
-0.071			-0.152 0.079													
-0.064 -0.337			-0.214 -0.167		(	1		.1		1						-0.864 0.463
0.210 0.095			0.060 0.245					-9.193 6.495								
0.143 -0.037			0.113				•									-0.457 0.763
			-0.470 -0.479													
0.165	0.135 0.052		0.0350 0.152					-0.215 0.402					•	1		-0.615 0.602
0,321	0.271 0.059		0.171 0.159													-0.479 0.809
0.174 0.089	0,124 0,139							-0.226 6.483								-0.626 0.229
-0.234 -0.331	-0.284 -0.281	0.334	-0.384 -0.181	-9 434 -9.131	-0.184 -0.081	-0.534 -0.031	(M)	-1.431 n.660	-6.491 1 119	-0.734 0.169	-0.784 0.219	-0,934 0,257	-0,894 0,319	-9.933 0 <u>.</u> 369	-0.984 0.419	0.469 -1.034
	•	•	' -	-		•			•		ı ——	l	/	· \		

F1G.13(6)

	I da	ta =	<b>1</b> 35	0 dp	} ===;	Gre	קייני	<b>!</b>	Avera	ge I	value	s t	PRVA **	scanne	d in o	posite	sense	<b>"</b> ,
1	tin IA -	; - v e.	.85 v 1	.9 v	75 v <sup>!</sup> -	.7 v	65 v		55 y	. s v	- ,45 v	.4 v	35 v	- ,3 V	25 y	2 v	15 v	1 v
Avg 208	0.041				2.281		2.181 0.922	2.131 0.972	2.081 1.022	2.031 1.072	1.98J 1.122	1.931 1.172	1.881 1.222	1.831 1.272	1.791 1.322	L_Z31 1.372	1.681 1.422	1.631
Avg 21A	-0.052	1.916 0.064	1.866 0.114	1.816 0.164		1.716 0.264	1.566 0.314	1.616 0.361	1.566 0.414	1.516 0.464	1.466 0.514	1.416 0.564	1.366 0.614	1.316 0.664	1.266 0.714	1.216 0.764	1.166 0.814	1.116 0.864
Avg 22A	0.060	1.960 0.220	1.910 0.270	1.860 0.320	1.810 0.370	1.760 0.420	1.710 0.470	1.660 0.520	1.610 0.570	1.560 0.620	1.510 0.670	1.460 0.720	1.410 0.770	1.360 0.820	1.310 0.870	1.260 0.920	1.210 0.970	1.160
Avg 23A		1.878 0.101	1.828 0.151	1.778 0.201	1.728	1.678 0.301	1.529 0.351	1.578 0.401	1.528 0.451	1.479 0.501	1.428 0.551	1.378 0.501	1.328 0.651	1.278 0.701	1.228 0.751	1.178 0.801	1.128 0.851	1.078
Avg 24A	-0 .002	2,390 0.598	2.340 0.638	2.290 0.699	2.240 0.739	2.190 0.788	2.140 0.838	0.888 0.888	2.040 0.938	1.990 0.989	1.940 1.038	1.890 1.088	1.840 1.138	1.790 1.189	1.740 1.238	1.690	1.640 1.338	1.590 1.388
Avg 258	-0.032	2.325 0.493	2,275 0,543	2.225 0.593	2.175 20.643	2.125 0.693	2.075 0.743	2.025 0.793	1,975 0,813	1.925 0.893	1.875 0.943	1.825 0.993	1.775 1.043	1.725	1.675 1.143	1.625 1.193	1.575 1.213	1.525
Avg ( 268	-0.159	1.712 9.257	1.662 0.207	1.612 -0.157	1.562 -0.107		1.162 0.007	1.41?	1.362 0.093	1.312 0.143	1.262 0.193	1.212 0.243		1.112		1.012 0.443	0.962 0.493	0.912 0.543
Avg 27A	0.120	2.149 0.468	2.099 9.519	2.049 0.568	1.999	1.913 0.668	1.9?? 0.719	1.84? 0.768	1.799	1.749	1.6?? 0.918	1.649 0.968	1.599	1.549	1.499 1.119	1.449 1.169	1.399 1.218	1.349 1.268
8vg 280	0.179	2.007 0.395	1.957 0.435	1.907	1.857 0.535	1.807 0.595	1.757 0.635	1.707	1.657 0.735	1,607 0,785	1.557 0.835	1.507 0.885	1.457 0.935	1.407 0.985	1.357 1.035	1.307 1.085	1.257 1.135	1.207 1.185
55C VA 8	-0.129	2.471 0.542	2.421 0.592	2.371 0.642	2.321 0.692	2.271 9.742	2.221 0.792	2.171 0.912	2.121 0.892	2.071 0.942	2.021 0.992	1.971 1.042	1.921	1.871	1.921 1.192	1.771 1.242	1.721	1.671
308 873	0.032	2.073 0.301	2.023 0.354	1.972 0.404	1.923 0.454	1.873 0.504	1.823 0.554	1.773 0.604	1.723 0.654	1.673 0.704	1.623 0.754	1.573 0.804		1.473 0.904	1.423 0.954	1.373 1.004	1.323 1.054	1.273
Avg 310	-0.174	2.011 0.037	1.961 0.087	1.911	1.861 0.187	1.811 0.237	1.761	1.711	1.661 0.387	1.611 0.437	1.561	1.511 0.537	1	1.411 0.637	1	1.311 0.737	1.261 0.787	0.837
Avg 320	-0.015	2.285 0.470	2.235 0.520	2.185 0.570	2.135 0.620	2.095 0.670	2.035 0.720	1.985 0.770	0.920	1.985 0.970	1.835	1.795 0.970	1	1.685 1.070	1		1.535 J.220	1
33C 9A3	-0.080	2.218 0.339	2.168 0.388	2.119		2.018 0.538	1.968 0.598	1.918	1.869 0.598	1.819 0.739	1.758 0.789	1.718 0.839		1.618 0.938	1.568 0.989			
Avg 34A	-0.209	1.755 -0.255	1.705 -0.205	1.655	1.605	1.555 -0.055	1.505 -0.005		1.405 0.095				1.205	1.155		1.055 0.445		0.955
Avg 350	-0.093	2.260 0.377		2.160 0.477		2.050 0.577			1			1.760 0.877		1.660 0.977			1.510	1.460
jeb Vad	-0.212	2.396		2.226							•	0.89 <sup>4</sup>				1.695		1.596
Avg 370	0.015		2.199	2.149 0.563				1.949										1.449
Avg 38P	0.003	1.911	1.791			0.24		1.541	1.491	1.441 0.444	1.331	1.34 0.54	1   1.291 1   0.594	1,241 0,544	1.191	1.111	1.03	1.041

FIG. 13(c)

	·==[==	I de	ıta =	==== ,	o de	} ===:	= Gr	ը Ծա	1	Aver	ge I	value	<u>s +</u>	١		
05 v	0 v	.05 v	 	.15 v	.2 y	.25 v	ه (ز.	.35 v	.4 y	.45 v	.5 у	.55 v	,6 'v	.65 y	.7 ب	.75 v
1.581 1.522	1.531 1.572	1.491 1.622		1.381 1.722	1.331	1.291 1.922	1 231 1 .972		1.131 1.972	1.081 2.022	1.031 2.072	0.981 2.122	0.93 <u>1</u> 2.172	0.891 2.222	0.831 2.272	0.791 2.322
1.066 0.914	1.016 0.964	0.955 1.014	0.916 1.064	0.866 1.114	0.916 1.164	0.766 1.214	0.716 1.264	0.666 1.314	0.616 1.364	0.566 1.414	0.516 1.464	0.466 1.514	0.416 1.564	0.366 1.614	0.316 1.664	0.266 1.714
1.110	1.060	1.010 1.170	0.960 1.220	0.910 1.270		0.810 1.370	0.760 1.420	0.710 1.470	0.660 1.520	0.610 1.570		0.510 1.670	0.460 1.720	0.410 1.770	0.360 1.820	0.310 1.870
1.028 0.951	0.978 1.001	0.928 1.051		0.826 1.151	0.776 1 <u>.201</u>	0.729 1.251	0.678 1.301	0.629 1.351	0.578 1.401	0.528 1.451	0.478 1.501	0.428 1.551	0.378 1.601	0.328 1.651	0.278 1.701	0.228 1.751
1.540 1.438	1.490 1.488	1.440 1.538		1.340 1.638	1.290 1.688		1.190 1.788		1.090	1.040	0.990 1.988	0.940 2.039	0.890 2.089	0.840 2.138	0.790 2.199	0.740 2.238
1.475 1.343	1.425	1.375		1.275 1.542	1.225 1.593	1.175 1.643		1.075 1.743	1.025 1.793	0.975 1.843	0.925 1.893	0.875 1.943	0.825 1.993	0.775 2.043	0.725 2.093	0.675 2.143
0.862 0.593	0.812 0.543		0.712 0.743		1	0.562 0.893	0.512 0.943			0.362 1.093		0.262 1.193	0.212 1.243	0.162 1.293	0.112	0.062 1.393
1.299 1.318	1.249	1.199 1.418	1.149 1.468	1.099	* * * * * * *	0.999 1.618		0.929 1.718	0.849 1.768	0.799 1.919	0.749 1.868	0.699 1.918	0.649 1.968	0.599 2.018	0.549 2.068	0.499 2.118
1.157 1.235	1.107	1.057 1.335	1.007 1.385	0.957 1.435		0.857 1.535	0.807 1.585	0.757 1.635	1 .	0.657 1.735	0.607 1.795	0.557 1.835	0.507 1.885	0.457 1.935	0.407 1.985	0:357 2:035
1.621 1.392	1.571	1.521	1,471 1,542	1.421 1.592			1.271 1.742	1.221 1.792				1.021	0.971 2.042	0.921 2.092	0.871 2.142	0.821 2.192
1.223 1.154	1.173 1. <u>204</u>	1.123 1.254	1.073	1.023	0.973 1.404	0.923 1.454	9.873 1.594		0.773 1.604	0.723 1.654	0.673 1.704	0.623 1.754	0.573 1.804	0.523 1.854	0.473 1.904	0.423 1.954
1.161	1.111	1.061 0.997	1.011 1.037	0.961 1.087		0.851 1.187	0.811 1,237	0.761 1.297	0.711 1.337	0.661 1.397		0.561 1.497	0.511 1.537	0.461 1.587	1	0.361 1.687.
1.435 1.320	1.385 1.370		1.285 1.470	1,235 1,520	1.185 1.570	1.135 1.620	1.095 1.670	1.035 1.720	0.995 1.770	0.935 1.920		0.835 1.920	0.785 1.970	0.735 2.020	0.685 2.070	0.635 2.120
1.368 1. <u>188</u>	1.318	1.269 1.298		1.168	1.118 1.439	1.068			0.918 1.638	0.868 1.688	0.818 1.738	0.768	0.718 1.838	0.668 1.888	0.618 1.938	0.568 1.988
0.905 0.595					0.655 0.845				0.455 1.045		0.355 1.145	0.305	0.255 1.245	0.205 1.295	0.155 1.345	0.105 1.395
1.410	1.350 1.277		1.260						0.960 1.677		0.850 1.777			0.710 1.927		0.610 2.027
1.546 1.234	1.496 1.284		1.396			1.246 1.531	1.196 1.594		1.035	1.046 1.734		0.246 1.834		0.846 1.934		0.746 2.034
1.399	1.349		1.249 1.453			1.099	1.049					0.799			1	0.599 2.113
0.991 0.894			0.841 1.044		0.741 1.144			0.59 <u>1</u> 1.294				0.39E 1.494		0.291 1.594		0.191 1.694

FIG. 13(d)

:	11P :		•	e.	1	Group		_,	Avera	)-1 20 20	valuer		1	10 m	Ares scaned in opposite sense	Petite 1	1		ğ	1	1	data	-	ç. ,	뜅	i	Grous	<b>6</b>	ž	3V61'4V4	<b>F</b> 14	values	, ፤	Awgs scanned in opposite sense		į Padde	2 2	
i de	A 53" - A - 9" - 14" 5" - A 5" - A - 2" - A - 4" - A - 6" - A - 6" - 41" 199	•	. ·	-	.78.	*	SE.	*		:	÷	-	¥.	4 5 4	*	1.1 4 1.15 4 1.1	9		8.	•	¥:	, ns v .1 v	**	1;			3 1 H.	*	÷ .			٠,	41	. <b>.</b> .	7 27. 7	•	. 53.	- 1
EA	530.4		20. 11. 10. 17. 17. 11. 11. 10. 11. 10. 10. 10. 10. 10. 10	#3.5	55.15		1.44 1.68 1.56 6.30 6.34 5.40 7.0 th Left	1555	•	<b>4</b>	## #	13 3			15 5		AND THE PROPERTY.			11-			A STEEL OF THE CASE OF THE CASE CASE CASE CASE CASE CASE CASE CAS					CHE THE CAR THE TANK	## H				10 Mer. 10 Mer					
es	, 99	# 51	THE THE CAR LIFE LAW LIFE LAW AND THE LAW	15.25	154	1.74 1.715 1.466 1.415 A.175 1.475 1.375 0.574 Option to the Right	2677 1345 3988 40 41 4 3887 12478 3887 13271	383		35 5	355 S	¥8 5	11 F	35 5	15 4	88 S		15 5	# 1		1040		$\Gamma$	unia Seria		0.00 1.07 1.07 1.09 1.07 1.00 1.00	0.746 0.715 1.426 0.476 9 junes to 48	0.740 1.715 0.446 1.029 1.430 1.535 places to the Right 1.771 1.475 1.475	20 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	## ## ## ## ## ##	20 1.87 21 1.87 21 1.87	¥8 8			# # B	38 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		.4
FE	ų ·			ENT	4.14 6.44	(1, 177 ; 428 ; 578 ; 528 ; 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	8 H 3 H	1.59 1.01 1.01 1.01 1.01 1.01 1.01 1.01 1.0		1.07 1.18 1.80	80 H	1.372	1.135 2.653 2.153	## ##	9 1	THE CENT			100 July 100		1.00	101 101 101 101 101 101 101 101 101 101				<b>10</b>	8.678 0.628 1.301 1.302 5.51400 to the	23.3 # E	2,578 5,528 5,63 1,651 8,841/8s 1,61 1,451	1861 13 11.561 11.561	83 3 28 3	## # ## #			<u> 15 5</u>	94 4	35 5	·
\$ 2	2000		##### ##### #####	2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	11. 07.1 11. 07.1 11. 07.1 11. 07.1 11. 07.1	11.0 20.0 10.0 10.0 10.0 10.0 10.0 10.0	2,140 2,095 2,040 8,839 8,888 2,936 1,00 3,888 2,936 8,00 3,888 1,376	2,095 2,046 4,845 2,846,4 368,5 3,846,4 3,845 2,846,4	88 K	## #	16 6		¥# 6	HH H					<b>∄</b>  { \≝		# # #					lds . s	41 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	( pieces to the close ( pieces to the heilber ( ) 1950 (	101 101 101 101 101 101 101 101 101 101			\$40 B	35 E		55 5	34 4		
£0	E 4	HE TE	1.05 (20) 2.05 (10) 1.05 (10) 2.05 (10) 2.1 (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	18.5		11.5		1.88 1.88 1.88 1.88 1.88 1.88 1.88 1.88		80 G	15 E	0.135 0.135 0.135		ns a	¥	11 (	10		i		8 E		March Company			45.5		1000 1000 1000 1000 1000 1000 1000 100 1		<b>99.3</b>		<b>85</b> 5				95 3	155	
\$8	#	11 m 12 m	11. 11. 11. 11. 11. 11. 11. 11. 11. 11.	111.5 10.65 1.60.5	7 mm	1.142 1.112 1.143 2.13 2.139 2.143 11in Oelien 12.134 2.543 3.234 7.143	281.182 3.007 12.183 10.103	1,412 9,943 9,19ft 9,173		11 1	and in		15 3		100 E				# 5		200 E				287 287	2 S		2.512 3.142 3.412 3.315				10 1	11 3	21.12 C.1.1 CP.1.1	200 E	83. ×	2.03 2.13	
李燕	61.13		1.18 1.279 2.308 1.379 1.389 1.389 1.489 1.279 1.30 1.30 1.30 1.30 1.30 1.30 1.30 1.30	2.0 2.0 2.0 2.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	1.279 1.249 1.279	2,588 5,588 5,588	# # B			9771 9788 9788	11.07 11.03 11.03 11.03	89873 89873	55	180	55 5	188	10 1	<b>10</b> 8	1 ·	9-0		35 3	2000 2000 2000 2000 2000 2000		1,500 1,500		in a	1.048 1.399 1.318 1.348 1.718 1.719 2.24ccs 19.158 2.528 1.548 1.318 1.348	55 5	35 5				33 3	\$5 B	\$7,	55 1	
事無	5 1		1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	7.527 5.535 81 18	1.25 1.135 1.135	0.1507 1.757 1.757 1.1557 0.155 1.415 3.485 9.735 Delices to the fight 0.735 1.445 9.445 9.535	14 14 14 14 14 14 14 14 14 14 14 14 14 1	20.48 20.48 20.48 20.48		\$6.00 M	31815	1.597 0.115 1.115	1.457 3.715 4.715	1.407	2.03	1.097			<b>1</b> 0 1		8 f / fi	33 <i> </i> 1	M 100 100 189 M 100 188 105 M 100 188 105 M 100 189 105 M 100 100 100		100 200 100 20		1.05 0.79 1.05 1.03 1.05 1.03 1.05 1.03 1.05 1.03	1.05 1.05 1.05 1.05 1.05 1.05 1.05 1.05	39 3	35 5	94 4	502.5 588.1	\$8 E	1,797		2,250 2,237 2,235 2,295 1,435 1,495		100
FF	F)	7.	तात प्रदा प्रदा गांत गांत गांत का प्रदा १४१ प्रदेश कर्ता १४६ १४५ मा १९६१ १४१ प्रदा मांगी भाग १४६ मा १४६ १४६		1.01 2.01 2.00 2.69 2.72 2.79 154 December 2.55 5.61 3.88 5.94				1011 1011 1011	1.97	1.14 1.14	1.971 1.942 1.192 (		1 1	in d		<b>5</b> €	1811	18 E	15 Kg 1	11 121 121 121 121 121 121 121 121 121		1.01 1.01 1.02 1.02 1.04 1.04 1.03 1.70 1.70			1 10	in Talenton	1.00 (1.00) 1.00 (1.00) 1.00 1.00 (1.00) 1.00 1.00 (1.00)	1211	# E	11.1	55 S	## C	55 5	1111	55	##	
25 E	4.612		2.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	1.03 1.373 5.354 5.404 ft the eds ta	1.22 1.37 5.454 2.59 1.64 0.154 1.64 0.154	25.57 19.59 19.64	7. 23. 7. 51. 6. 50. 6. 50.	2.50 8.59 8.59 8.54		E 5	87.	151 161 161 161 161	84 8	1,473 1,994 5,854 (	0.984 S	1.373	1.08 1.08 1.08	55.5			113. (20) (20) (20) (20) (20) (20) (20) (20)		CCL 1 CEL 1 CR 1 CT 1 CT 1 CEL 1 CCL 1 CT 1 CT 1 CT 1 CT 1 CT 1 CT 1	0.973 1.494 5 ale is	0.973 0.973 1.404 1.454 at is iins 1.354 1.404	1.55 1.55 1.55 1.55	SS 1 80	9.873 1.823 0.773 1.594 1.554 1.604 1.placem to the Alght 1.554 1.594 1.554	1,594 1,594	55		134	0.523 1.854 1.854	1.354	9.423 1.954 1.984	2.5	3.323 · 3.554 · 2.664 ·	
													İ	1					'	•	1	1				ĺ							ı			l	ı	

FIG. 13(e)

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			ūriy	*******						Last	Racio	•
	Gro	al/	Ava Notee				aye	5	Added	AVG MOTEE	uriy : Lawl	
	205	1	0.1481	0.0030	-0.1314	Q.Oede	-0.0554	0.00e1	-0.1233	-0.0252	5.7	
	205	2	0.5426	0.3662	0.1162	-0.1336	-ບ.ບໍ່ບໍ່ບໍ່ລ້	0.055	-0.5201	0.0225	-4.4	
	205	3	0.6215	0.5002	0.2502	0.0002	-0.1248	-0.0c2s	-0.6524	-0.031i	20.0	
	206	1	-0.2508	-0.0508	0.1992	-0.0508	0.0/42	0.0117	0.2313	-U.UI76	:2.5	
	206		0.1813			-0.1i42	9.0108	-0.0512	-0.2012	-0.0205	ă. <del>?</del>	
	20€		-0.4060	-0.31=5	-0.0005	0.1835	0.0585	-0.0040	0.4332	0.0272	14.7	
	207	1	-0.2893	-0.0300	0.2200	-0.0300	0.0950	0.0525	0.2906	0.0013	223.5	•
	207	2	-0.0591	Ü.12 <b>c</b> δ	-0.1232	0.1268	0.0016	-0.0502		-0.0295	2.0	
	207	3	0.8016	0.7904	0.5404	0.2504	0.1654	0.1029		0.0716	11.2	
	208	Ĺ	-0.3267	-ū.1255	0.1245	-0.1255	-0.0005	0.0620	0.3577	0.0308	10.6	
	208		-0.5892	-0.4528	-0.2028	0.0422	-0.0/76	-0.0153	0.6052	0.0160	35.9	
	208	3	-0.5162	-0.3509	-0.1009	0.1471	0.0241		0.5090	-0.0021	72.4i	
	209	i	-0.3328	-0.2315	0.0185	-0.2315	-0.10e5		0.3200	-0.0128	26.1	
	209	2	6.7883	0.6286	მ.328-	0.1286	0.0036	-u.0569	û.ôlo0	-0.0277	28.5	
	209	3	-0.3146	-0.1996	0.0504	-0.1996	-0.0746	-0.0121	0.3338	0.0192	1c.4	
	210		-0.4353	-0.2432	0.0000	-0.2432	-0.1162		0.4109	-0.0244	17. ö	
	210	2	-0.1066	0.1332	-0.1166	0.1552	0.0082	-0.0545	0.0836	-0.0230	વી. હે	
	210		0.2597	0.0257	-0.2243	0.0252	-0.0:93	-0.0366		-0.0055	प्रकेश्य	
	211		-0.2477		0.2280		u.1030		0.2569	0.0093	2e.7	
	211		-0.2277	-0.2138	0.0361	-0.2136		-0,0263	6.2327	0.0045	46.5	
	21.1		0.6775	ú.Šŕds	0.3440	ປະ.ປີຂໍາຄອ		0.0321		0.0008	820.7	
	212		0.1145	-0.2323	0.0127	-0.3020		-0.0446		-0.013£	δ.·i	
_	212		0.3209		0.0005		-0.1247	-0.0p22		-0.0509	10.4	
	212		0.2595		-0.0341	0.2159	0.0909	ŭ.û26a	-0.2624	-0.0019	7Û.1	
	213		0.4217		-0.02/9	0.2221	0.09/1	0.0s4c	∵0.4163	0.003a	125.5	
=	213	2	-0.5357	-0.3012	-0.0512	0.1550	0.0/38	0.0115	0.5152	-0.0175	26.7	
<del>-</del>	213		-0.2945		-0.0248	0.2232	0.1002		0.3008	0.0065	45.5	
U	214		-0.6983		-0.2529	-0.0029	0.1221	0.05%		0.0463	∠4.c	
Lil	214	ż	0.7664	0.7016	0.4516	9.2016	0.0766	0.0141		-0.0171	44.7	
125	214	ઉ	0.3609	0.2261	-0.0219	0.2281	1601.0	0.0405		0.0093	≥8	
9 I	215		-0.5990	-0.3920	-0.1420	0.1080	-0.0120	0.0455	0.6132	0.0142	44.1	
N	215	2	-0.6418		-0.3669		0.0081		0.616?		ئ. 27	
<b>m</b>	215	3	-0.2020		0.2334	-0.0166	0.1084	0.0459		0.0146	13.3	en de la companya de La companya de la co
	21 c		0.2267		0.2491		0.1241	0.0616		0.0303	7.5	
€ សាលា (ដែលស្រែ)	216		-0.7869		-0.5102		-0.1357	-0.0732	0.7450	-0.0419	13.5	400
is in the second of the second	216		-0.3518		Ü.150c	-0.0994	0.0256	-0.0369			c1.7	
N	217		-0.3168		0.1532	-0.0968	0.0262	-0.0343	0.3138	-0.0031	103.9	F .
—	217		0.3848		0.0626	-0.1874		0.0001		-0.0312	12.3	
<b>느</b>	217		0.3492		0.0017	-0.2483	-0.1233	-0.0608		-0.0296	11.8	
ᄖ	218		0.2154		-0.2246	0.0254		-0.0371		-0.0059	32.2	
<b>0</b> .	218	2	-0.6434				0.0252		0.6373		106.0	
w. O	216	ŝ	0.2516	0.1355	-0.1145	0.1555	0.0105	-0.0520	-0.2224		12.1	
<del>"</del>				-0.5113								-
	213	_	-0.1859	0.0141	-0.2359	0.0141	-6.1109	-0.0064	0.1666	-0.0172	نة . 0 ،	
	219		-0.2229		0.1269		0.0019	-0. Upûc	0.2465	-0.0294	9.5	
	220		-0.2276		0.1744	-0.0%5s	0.0am	-u.ulai		0.0181	12.7	
	220		-0.2729		0.0/91	-0.1709	-0.0459	U. Ülge		-0.0146	i.d.e	
	220		-0.0854		0.2075	-0.0404	0.0546	الرعادات فا			9.4	
	221		-0.392i	-0.2116	មិ.ជំនិនីដ	-0.2118	−ပ်.⊍ဗဗပ်	-ขี้เปลี่ยสี		0.0069	50. <b>3</b>	
	221		Ü.8987		მ.თაბლ	0.2652	0.1602	0.0577		Q.0254	13.0	
	221	ŝ	-0.3528	-0.5320	-0.0670	0.1050	0.0550	મળા જેશના	0.0570	0.0068	50	·

FIG. 14(a)

## RANDUM O data

		Orig	TOTAL CIT	r ug t u	•			£4019	Last	Eatio
	lal/		4446444		Noise Ave	rage 🔑	>>>>>>	Voltage	Heise	Orig ::
Gr u	uth	Avg	. 1	2	ડે	4	5	Added	Avg	Last
200		0 ///0			F 1000					
205	1	0.4440	0.3970	0.1470	-0.1030	0.0220	-0.0405	-0.4532	-0.0092	48.1
205	2	0.1928	0.0077	-0.2423	0.0077	-0.1173	-0.0548	-0.2163	-0.0235	3.2
205	3	0.2307	0.0307	-0.2193		-0.0943	-0.0318	-0.2313	-0.9006	292.9
206	1	0.6667	0.5649	0.3149	0.0649	-0.0601	0.0024	-0.6955	-0.0288	23.1
204	2	-0.0959	0.1153	-0.134/	0.1153	-0.0097	0.0528	0.1174	0.0215	4.5
206	3	0.0218	-0.2565	-0.0065	0.2435	0.1185	0.0560	0.0030	0.0248	0.9
207	1	0.7412	0.7194	0.4594	0.2194	0.0944	0.0319	-0.7406	0.0006	1181.1
207	2	-0.2973	-0.2522	-0.0022	0.2478	0.1228	0.0603	0.3263	0.0290	10.2
207	3	0.3831	-0.0517	0.1983	-0.0517	0.0733	0.0108	-0.4036	-0.0205	18.7
208	1	0.2199	0.1728	-0.0772	0.1728	0.0478	-0.0147	-0.2033	0.0166	13.3
208	2	0.4198	0.3966	0.1466	-0.1034	0.0216	-0.0409	-0.4295	-0.0097	43.4
208	3	-0.1523	-0.0900	0.1600	-0.0900	0.0350	-0.0275	0.1561	0.0038	40.1
209	1	-0.3033	-0.2685	-0.0185	0.2315	0.1065	0.0440	0.3161	0.0127	23.8
209	2	-0.0808	0.0528	-0.1972	0.0528	-0.0722	-0.0097	0.1024	0.0216	3.7
209	3	-0.0148	0.1385	-0.1115	0.1385	0.0135	-0.0490	-0.0029	-0.0177	0.8
210	1	0.2502	0.150%	-0.0893	0.1602	0.0357	-0.0268	-0.2462	0.0044	56.8
210	2	0.2427	0.2049	-0.0451	0.2049	0.0299	6.0174	-0.2566	-0.0139	17.5
210	3	0.0961	-0.0/61	0.1739	-0.0761	0.0489	-0.0136	-0.0784	0.0177	5.4
211	1	U.2369	0.2232	-0.0268	0.2232	0.0982	0.0357	-0.2325	0.0044	53.5
211	2	0.4855		0.0034	~0.2455	-0.1216	-0.0591	-0.5143	-0.0278	17.5
211	3	-0.7412	-0.7039	-0.4539	-0.2039	-0.0239	-0.0164	0.7560	0.0148	50.1
212	1	0.5285	0.3926	0.1426	-0.1074	0.0176	-0.0449	-0.5421	-0.0136	38.8
212	2	0.1817	0.0830	-0.16/0	0.0836	-0.0420	0.0205	-0.1925	-0.0107	16.9
212	3	-0.0208	0.1420	-0.1080	0.1/120	0.0170	-0.0455	0.0066	-0.0142	1.5
213	1	-0.2570	-0.1652	0.0848	±0.1652	-0.0402	6.0223	0.2480	-0.0090	28.7
213	2	-0.0064	0.0310	-0.2190	0.0310	-0.0940	-0.0315	0.0052	-0.0003	24.3
213	3	-0.5096	-0.3200	-0.0200	0.1800	0.0550	-0.0025	0.5333	0.0237	21.5
214	i	-0.0246	0.1703	-0.0797	0.1703	0.0453	-0.0172	0.0387	0.0141	1.3
214	2	-0.1595	-0.0912	0.1505	-0.0912	0.0338	-0.028/	0.1620	0.0025	62.8
214	3	0.1216	-0.0494	0.2006	-0.0494	0.0756	0.0131	-0.1398	-0.0181	6.7
215	<b>1</b> :	-0.3403	-0.0213	0.2287	-0.0213	0.1037	0.0412	0.3502	0.0099	34.3 :
215	2	-0.1557	-0.0243	0.2257	-0.0243	0.1007	0.0382	0.1627	0.0069	22.4
215	3	-0.5943	-0.3037	-0.0537	0.1963	0.0713	0.0088	0.5718	-0.0225	26.5
216	1	0.1584	0.0282	-0.2218	0.0282	-0.0968	-0.0343	-0.1614	-0.0030	52.0
216	2	0.3981	0.3794	0.1294	-0.1206	0.0044	-0.0581	-0.4250	-0.0268	14.8
216	3	0.1159	-0.0841	0.1659	-0.0841	0.0409	-0.0216	-0.1063	0.0097	12.0
217	1	0.4497	0.2497	-0.0003	0.2497	0.1247	0.0622	-0.4188	0.0309	14.5
21.7	2	0.5273	0.2169	-0.0331	0.2169	0.0919	0.0294	-0.5292	-0.0019	278.7
217	3	0.1066	-0.0200	0.1800	-0.0700	0.0550	-0.0025	-0.0829	0.0238	4.5
218	1	-0.4485	-0.2822	-0.0322	0.2178	0.0928	0.0303	0.4475	-0.0010	453.7
218	2	0.0983	-0.1447	0.1053	-0.144	-0.0197	0.0428	-0.0867	0.0115	8.5
218	3	0.0171	-0.1190	0.1310	-0.1190	0.0060	-0.0565	-0.0423	-0.0252	0.7
313	ī	0.0508	-0.1111	0.1389	-0.1111	0.0139	-0.0486	-0.0681	-0.0173	
219	2	9.2668	0.0668	-0.1832	0.0668	-0.0582	0.0043	-0.0681	-0.0173	2.9
219	3	-0.2/92	-0.1891	0.0603	-0.1891	-0.0362	0.0043 -0.0016	0.3088	0.0270	9.9
220	ĭ	0.507	0.6095	0.3595	0.1035	-0.0155	0.0470	0.3066 -0.6349	0.0296	9.4
220	2	0.6336	0.361/	0.111/	-0.1383	-0.0133	0.0492	-0.6157	0.0138	41.2
220	3	-0.1340	0.1248	-0.0754	0.1748	0.0133	-0.0122	0.1525	0.01/9	35.4
221	1	-0.3141	-0.1141	0.1259	-0.1141	0.0199	-0.012/ -0.051s	0.1325 0.2938		7.2
221	2	-0.0350	0.1447	-0.1053	0.1447	0.0107	-0.0016	0.0235	-0.0204 -0.01%	35. d
221	3	0.1035	-0.1367	0.1133	-0.1367	-0.0117	0.0509	-0.0839		3.0
	-		0,100	******	0.1000	U.VAL!	0.0300	-0.0057	0.0196	5.3

FIG. 14(b)

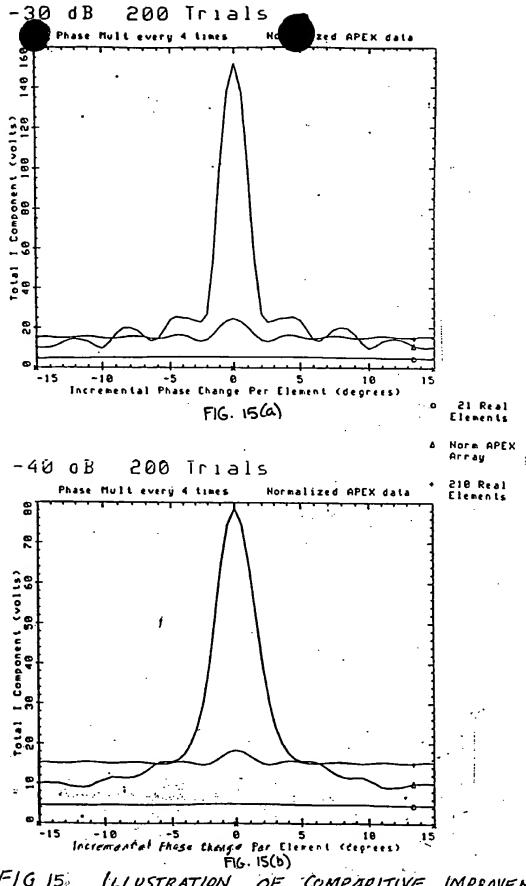
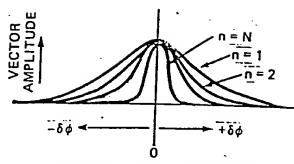


FIG 15 LLUSTRATION OF COMPARITIVE IMPROVEMENT



CHANNEL PHASE DISPERSION AS FUNCTION OF n

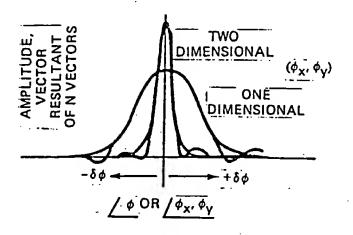


FIG. 16(b)

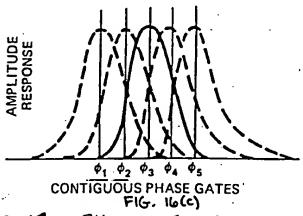


FIG 16 PHASE GATE OPTIONS

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